

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	063951/P013US/10211125
	First Named Inventor	Hans P. Bluem
	<i>COMPLETE IF KNOWN</i>	
	Application Number	Not Yet Assigned
	Filing Date	Concurrently Herewith
	Art Unit	N/A
	Examiner Name	Not Yet Assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AXISYMMETRIC EMITTANCE-COMPENSATED ELECTRON GUN-PATENT APPLICATION

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number OR ☒ Correspondence address below

Name **FULBRIGHT & JAWORSKI L.L.P.**
Robert M. Chiaviello, Jr.

Address
2200 Ross Avenue, Suite 2800

City	Dallas	State	TX	ZIP	75201-2784	
Country	US	Telephone	(214) 855-8000		Fax	(214) 855-8200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) **Hans Peter**

Family Name
or Surname **Bluem**

Inventor's
Signature

Hans Peter Bluem

Date
2/24/04

Residence: City
Princeton

State
NJ

Country
United States of America

Citizenship
US

Mailing
Address:
1 Setter Place

City	Kendall Park	State	NJ	ZIP	08824	Country	United States of America
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NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any])

Family Name
or Surname

Inventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing
Address:

City		State		ZIP		Country	
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Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number		Not Yet Assigned
	Filing Date		Concurrently Herewith
	First Named Inventor		Hans P. Bluem
	Title	AXISYMMETRIC EMITTANCE- COMPENSATED ELECTRON, etc.	
	Art Unit		N/A
	Examiner Name		Not Yet Assigned
Attorney Docket No.		063951/P013US/10211125	

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

Name	Registration Number	Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ The address associated with
Customer Number:

OR

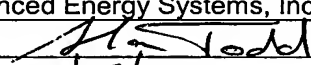
☐ Firm or
Individual Name

Address	2200 Ross Avenue, Suite 2800				
City	Dallas	State	TX	Zip	75201-2784
Country	US	Telephone	(214) 855-8000	Fax	(214) 855-8200

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
SIGNATURE of Applicant or Assignee of Record

Name	Advanced Energy Systems, Inc. by Dr. Alan Todd, Vice President		
Signature			
Date	12/18/03	Telephone	609.514-0316

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Hans P. Bluem

Application No./Patent No.: _____ Filed/Issue Date: _____

Entitled: AXISYMMETRIC EMITTANCE-COMPENSATED ELECTRON GUN-PATENT APPLICATION

Advanced Energy Systems, Inc. , a Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
 2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is 0.0 %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____ , Frame _____ , or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____ , Frame _____ , or for which a copy thereof is attached.

2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____ , Frame _____ , or for which a copy thereof is attached.

3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____ , Frame _____ , or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12/18/03
 Date

609.514.0316
 Telephone Number

Dr. Alan Todd


 Signature

Vice President, Advanced Energy Systems, Inc.
 Title